

B<sup>2</sup>  
assess the ability of the soluble extracellular domain of the Flk-2 receptor to bind transmembrane form of the Flk2 ligand in cultured stromal lines. The labelled protein is added to monolayers of stromal cells on ice for 2 hr in the presence or absence of excess unlabelled protein. Specific binding is calculated by subtracting counts bound in the presence of excess unlabelled protein from the total counts bound.--

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**In the Claims**

Please cancel claims 1-80 without prejudice to applicant's right to pursue to the subject matter of these claims in the a future continuation application.

Please add the following new claims:

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- B<sup>3</sup>
- 81. (New) A method for isolating cells that express FLK-2 receptors on their surface, the method comprising binding the cells to a polyclonal or monoclonal antibody specific for the FLK-2 receptor and isolating the cells that are bound to the antibody from cells that are unbound to the antibody.--
  - 82. (New) An isolated population of cells that express FLK-2 receptors on their surface, wherein the population is isolated by a method comprising binding the cells to a polyclonal or monoclonal antibody specific for the FLK-2 receptor, and isolating the cells that are bound to the antibody from cells that are unbound to the antibody.--
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